Attorney's Docket No.:

X is attached hereto

was filed on

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

As a below named inventor, I hereby declare that:

the specification of which

(check one)

(Application Ser. No.)

My residence, post office address and citizenship are as stated below beneath my name:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which Letters Patent is sought on the invention entitled APPARATUS AND METHODS FOR DIAGNOSING OSTEOPOROSIS

APPARATUS AND METHODS FOR DIAGNOSING OSTEOPOROSIS AND OTHER DISEASES WITH MR IMAGING

		as Application and was amended			
I hereby state that the above-identific amended by an amend	ed specificati	ion, including the	the co	ntent as	s of
I acknowledge the of the examination of Code of Federal Reg	this applicat	ion in accordance	ch is m with Ti	ateri tle 3	al to 7,
I hereby claim fore States Code, Sec. : inventor's certific any foreign applica a filing date before claimed.	119 of any for cate listed be ation for pate	reign application(selow and have alsoent or invention ce	s) for paidentification	atent ied b te ha	or elow ving
Prior Foreign Appl:	ication(s)	Priority Claime	ed		
2000-275673	JAPAN	8/ 8/ 2000		х	
(Number)	(Country)	(Day/Month/Year	Filed)	YES	NO
(Number)	(Country)	(Day/Month/Year	Filed)	YES	NO
I hereby claim the States provisional	benefit under application(s	35 U.S.C. §119(e) s) listed below:	of any	Unit	ed

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information

(Filing Date)

as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Ser. No.) (Filing Date) (Status) (patented, pending, abandoned)

<u>POWER OF ATTORNEY:</u> As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

B. Edward Shlesinger, Jr., Reg. No. 17,225; George A. Arkwright, Reg. No. 20,158; George A. Garvey, Reg. No. 17,737; Josefino P. de Leon, Reg. No. 33,166; Terrence L. B. Brown, Reg. No. 32,685; Michael M. Zadrozny, Reg. No. 30,985; Brian J. Marton, Reg. Agent 30,292.

SEND CORRESPONDENCE TO: SHLESINGER, ARKWRIGHT & GARVEY LLP
3000 South Eads Street
Arlington, Virginia 22202

DIRECT TELEPHONE CALLS TO Terrence L. B. Brown (703) 684-5600

The undersigned hereby authorizes the U.S. attorney(s) or agent(s) named herein to accept and follow instructions from _____ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) or agent(s) and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney(s) or agent(s) named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first inventor Katsumi KOSE		
Inventor's signature <u>Hatsumi</u> Kosf	Date July 16. 20	001
Residence 6-39-15, Matsubacho, Kashiwa-shi, Chiba	, Japan	
Citizenship Japan		
Post Office Address Same		
Full name of second joint inventor	•	
Inventor's signature	Date	
Residence		
Citizenship		
Post Office Address		

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Docket	No.:	
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Applicant: Filed: For:

VERIFIED	STATEMENT	(DECLAR	ATION)	CLAIMING	SMALL	ENTITY	STATUS
(3	37 CFR 1.9(f) and	1.27(b)) - Indep	endent	t Invent	or

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled

APPARATUS AND METHODS FOR DIAGNOSING OSTEOPOROSIS

AND OTHER DISEASES WITH MR IMAGING

described in the specification filed

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

I acknowledge the duty to file, in this application or patent, notification to any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fees due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own know-ledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Katsumi KOSE				
Name of Inventor	Name of Inventor	Name of Inventor		
Hataumi Kosl				
Signatur f Inventor	Signature of Inventor	Signature of Inv		
July 16, 2001	·			